

710/100  
Class Subclass

ISSUE CLASSIFICATION  
SCANNED 4

8119181  
6119181

SEP 12 1999

TEAMS

UTILITY  
SERIAL  
NUMBER

PATENT DATE

PATENT  
NUMBER

SERIAL NUMBER

FILING DATE

CLASS 110  
775

SUBCLASS 100  
280

GROUP ART UNIT  
2781

EXAMINER  
Ray

APPLICANTS

None GCR  
2-25-99

yes GCR  
2-25-99

Foreign priority claimed  
35 USC 119 conditions met

yes no  
yes no  
2-25-99  
Examiner's initials

AS  
FILED

STATE OR  
COUNTRY

SHEETS  
DRWGS.

TOTAL  
CLAIMS  
35

INDEP.  
CLAIMS  
26

FILING FEE  
RECEIVED

ATTORNEY'S  
DOCKET NO.

ADDRESS

TITLE

U.S. DEPT. OF COMM./PAT. & TM - PTO-438L (Rev. 12-94)

PARTS OF APPLICATION  
FILED SEPARATELY

NOTICE OF ALLOWANCE MAILED

11/9/99

ISSUE FEE  
Amount Due 1205.00  
Date Paid 2/10/00

Label  
Area

Assistant Examiner

Gopal C. Ray  
GOPAL C. RAY  
PRIMARY EXAMINER  
GROUP 2780

Primary Examiner

PREPARED FOR ISSUE

CLAIMS ALLOWED

Total Claims 35  
Print Claim 1

DRAWING

Sheets Drwg. 20  
Figs. Drwg. 20  
Print Fig. 5

ISSUE  
BATCH  
NUMBER E17

WARNING: The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.

Form PTO-436A  
(Rev. 5/92)

SCANNED 292C SCAN120.B  
QERGS RAI 651

(FACE)

STAPLE

AREA

☆ U.S. GOVERNMENT PRINTING OFFICE: 1998-446-168

PATENT NUMBER

## ORIGINAL CLASSIFICATION

CLASS

710

SUBCLASS

100

APPLICATION SERIAL NUMBER

08/947,254

## CROSS REFERENCE(S)

CLASS

SUBCLASS  
(ONE SUBCLASS PER BLOCK)

APPLICANT'S NAME (PLEASE PRINT)

VORBACH ET AL.

710

110

129

712

11

IF REISSUE, ORIGINAL PATENT NUMBER

## INTERNATIONAL CLASSIFICATION

6

G06F

13/40

G06F

15/80

GROUP  
ART UNIT

2781

ASSISTANT EXAMINER (PLEASE STAMP OR PRINT FULL NAME)

PRIMARY EXAMINER (PLEASE STAMP OR PRINT FULL NAME)

CDDAI C. RAY CDDAI P. RAY